

Appendix

After the initial Norwegian version of this book was wrapped up around October 2020, we thought we just had to call a publisher, get it printed, and wait for cash to rain from the sky. Unfortunately, that's not how non-fiction publishing works in Norway. We spent weeks trying to get one to just look at the file... and failed. The only question they asked was whether it could be sold as an educational book. That would have meant removing all the rants, insults, jokes, modern art, other art, not-quite-art, and pop culture references. And it would have meant formatting it like that super boring introductory book in statistics that everybody at the university learns to hate. Not because it's boring, which it obviously is, but because it's drab. So, we decided to give Norwegian non-fiction publishers a miss.

We spent a fair bit of time reworking it for print-on-demand services. Amazon turned out to be a bizarre experience. We jumped through all the hoops, clicked the proof copy button, and it turns out they can't ship proof copies! Err, what? And the proof copy is searchable on the internet but can't be ordered, obviously. And it can't be deleted, either. But the worst part is that their business model is a total rip-off: Even if the sticker price were \$999, we'd get crumbs. Lulu.com is much better in that regard: If the book is ordered from their website, we actually get a fair share. We still get crumbs if the ISBN is used in a bookstore, but that's a fallacy of the ISBN system.



Here are a couple of corrections based on feedback, and an update:

In the chapter *Bayer, Bayer & Bayer*, Intel received some flak for not having 4-way 8-bit dot products. Turns out that *Ice Lake* from September 2019 has an AVX-512 extension called *VNNI* which does just that. Must have totally missed it. Sorry. Unfortunately, AVX-512 is a bit of a hit and miss affair: The 10-core i9-10900KF released in Q2-2020, doesn't have it at all. There's one sitting on the desk next to us. Anyway, the prediction in the chapter *A Rant About CPUs, Languages, and Development Methods* that Intel's wide vector units may be retired soon, will probably take quite a bit longer.

In December 2020 we had the radiant idea of reworking the 2017 Xmas demo into something useful. The control code of the 2017 version described in the chapter *The Rip-Off Artist* is a total mess. A working mess, but still a mess. It's now been cleaned up and can be downloaded from the usual place. The latest version, v5 released in March, should compile and run on both Linux and Windows. Turns out springtime is great for Xmas demos! Too early to call it a trend. We've started work on the Xmas demo 2021, though. We're gonna rip people off less this time. Much less.

March 2021,
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